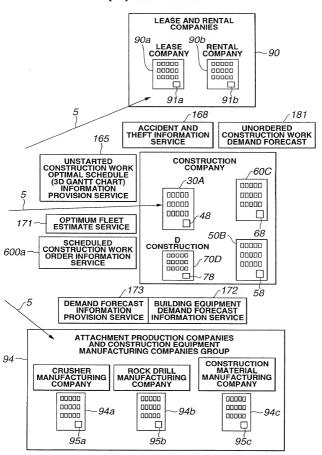
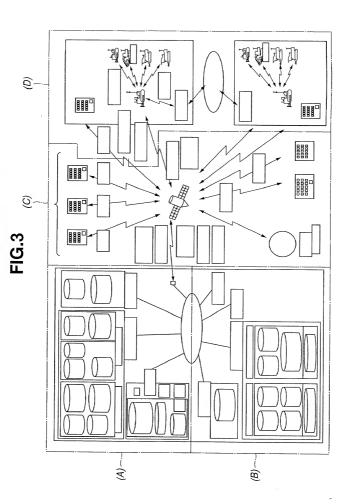


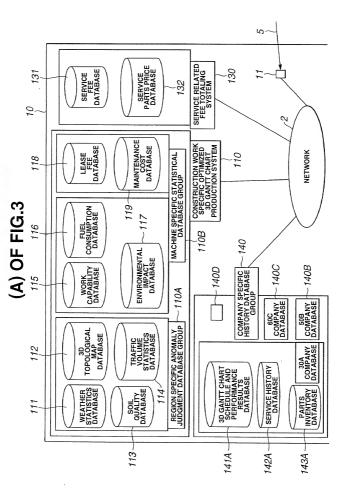
(C) OF FIG.2 -92 92a 92b GOVERNMENT OFFICES PREFECTURAL NATIONAL MUNICIPAL GOVERNMENT POLICE FIRE GOVERNMENT STATION STATION OFFICE OFFICE OFFICE 00000 00000 00000 92c 00000 92a 00000 92e 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 93b 93c 93a 93d 93e 170 REPORT OF CONSTRUCTION REPORT OF OVERTURN **EXPENSE ESTIMATE** ACCIDENT THEFT INFORMATION INFORMATION PROVISION SERVICE PROVIDE INFORMATION 600a 179 180 ON CONSTRUCTION WORK SCHEDULING ORDER REPORT OF INFORMATION ON 203 MACHINES ON HAND PROVIDE INFORMATION ON CONSTRUCTION 202 WORK SCHEDULED FOR ORDER **PROVIDE** 110B INFORMATION ON ATTACHMENTS OR -178 EQUIPMENT ON 204 PROVIDE MACHINE HAND 150A SPECIFIC STATISTICA DATABASE GROUP PARTS SERVICE INVENTORY PROVIDE MACHINE PERSONNEL SPECIFIC ANOMALY JUDGMENT DATABASE SEARCH SEARCH RESULTS RESULTS GROUP 177 176 MACHINE PURCHASE PARTS DEMAND SERVICE DEMAND FORECAST INFORMATION AND REPLACEMENT DEMAND FORECAST FORECAST INFORMATION SERVICE SERVICE SERVICE 169 -CONSTRUCTION SERVICE MACHINE COMPANIES MANUFACTURING COMPANIES 22 20 80a 80b 80c SERVICE 20' PARTS POINT 00000 DDDD 80-00000 0000 0000 00000 00000 00000 0000 0000 пппппп nnnnn 00000 00000 81a 81b 81c

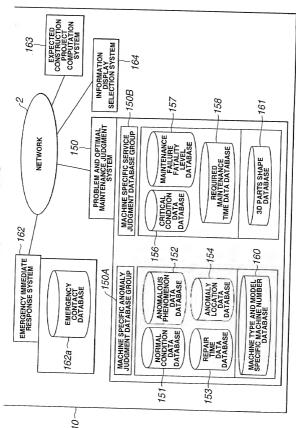
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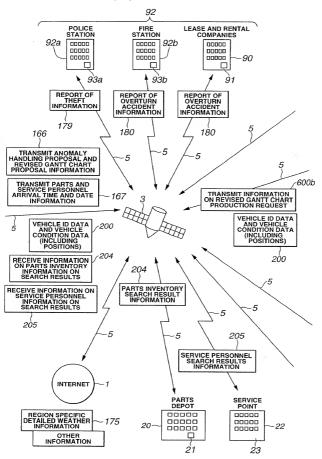
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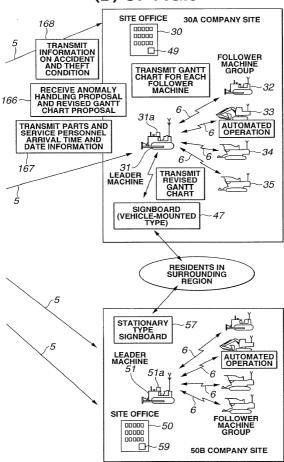


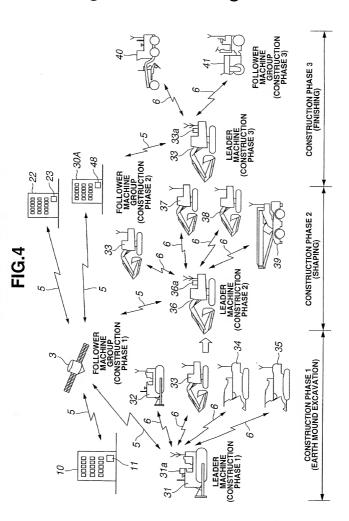


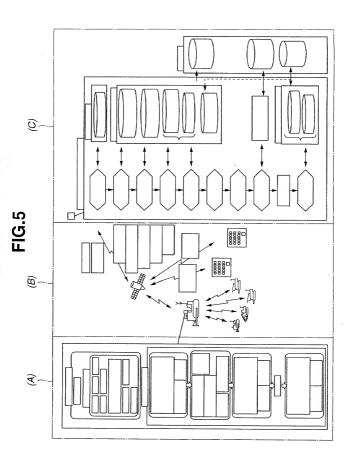


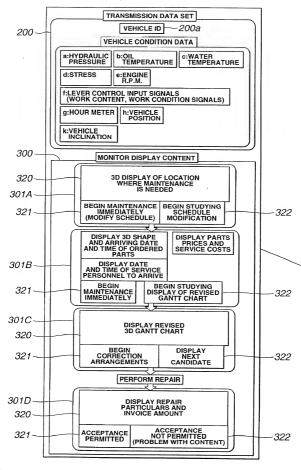


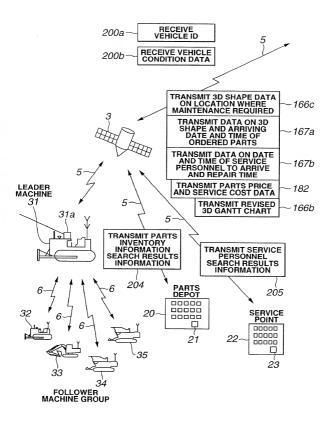


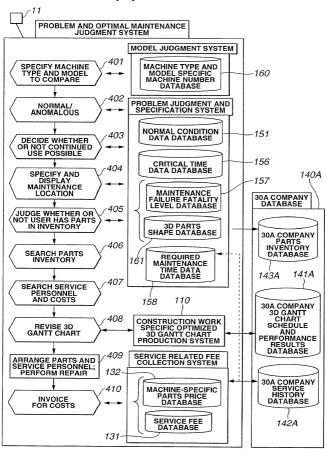




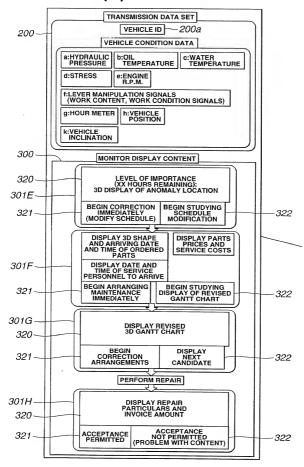


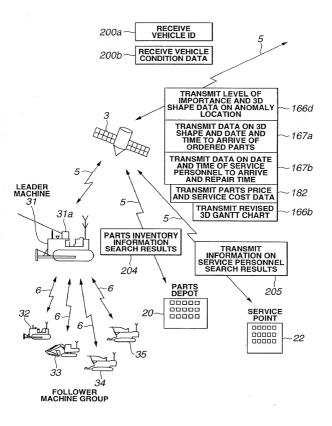


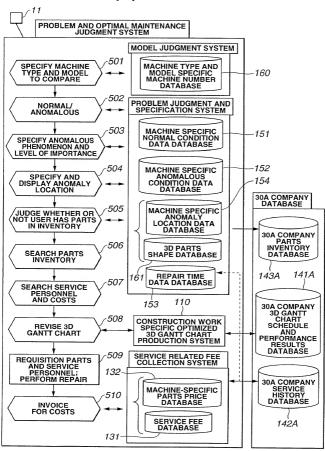


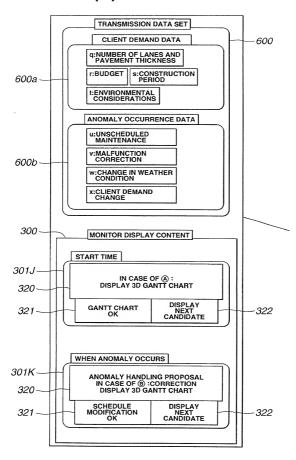


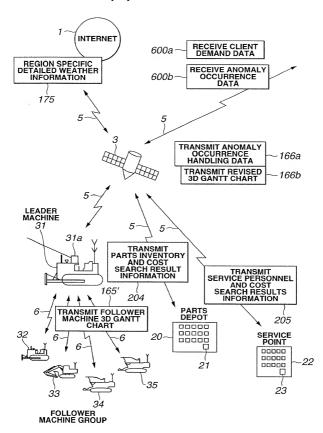
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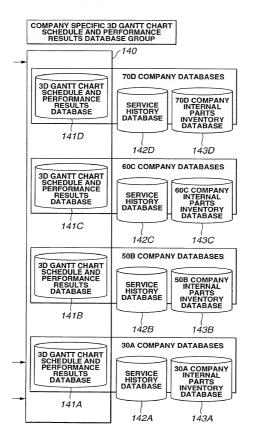








(C) OF FIG.7 -11 CONSTRUCTION WORK SPECIFIC OPTIMAL 3D GANTT CHART PRODUCTION SYSTEM 110 706 -701 SELECT SIMILAR CONSTRUCTION WORK SIMILAR CONSTRUCTION WORK SELECTION SYSTEM MACHINE SPECIFIC ANOMALY -110A JUDGMENT DATABASE GROUP 111-REGION REGION SPECIFIC SPECIFIC -112 702 WEATHER 30 STATISTICS DATABASE TOPOLOGICAL MAP REVISE ACCORDING TO REGIONAL DATABASE CHARACTERISTICS REGION REGION SPECIFIC SPECIFIC 113 -114 SOIL QUALITY VOLUME DATABASE STATISTICS DATABASE 118 703 MACHINE SPECIFIC STATISTICAL DATABASE GROUP 110B REVISE ACCORDING TO CONSTRUCTION PERIOD, BUDGET, OR ENVIRONMENT MACHINE MACHINE MACHINE SPECIFIC SPECIFIC SPECIFIC WORK LEASE CONSUMPTION IN CASE CAPABILITY FEE 115 DATABASE DATABASE DATABASE OF (A) 116 MACHINE MACHINE SPECIFIC 117-SPECIFIC ENVIRONMENTAL MAINTENANCE IMPACT DATABASE COST 119 -707 704 SYSTEM FOR EXTRACTING DAILY SCHEDULE REVISION DATA IN CASE OF BAD WEATHER **REVISE DUE TO BAD WEATHER** 705 r 706 REVISE SIMILAR ACCORDING TO DEMAND CHANGE CONSTRUCTION WORK SELECTION SYSTEM IN CASE OF ®



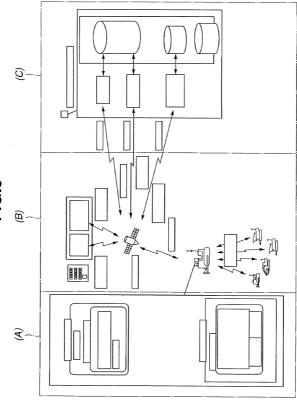
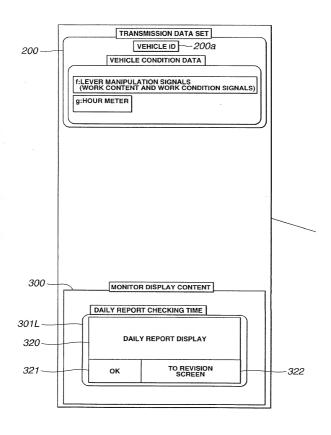
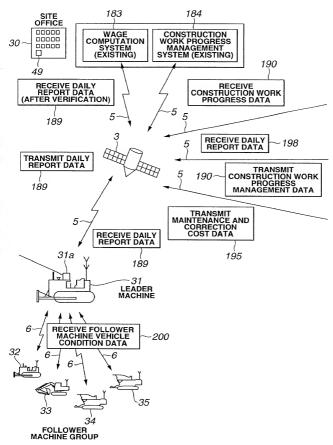
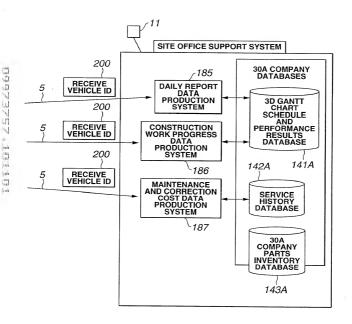
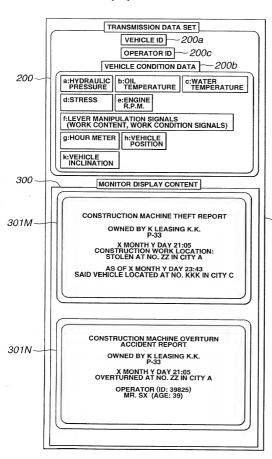


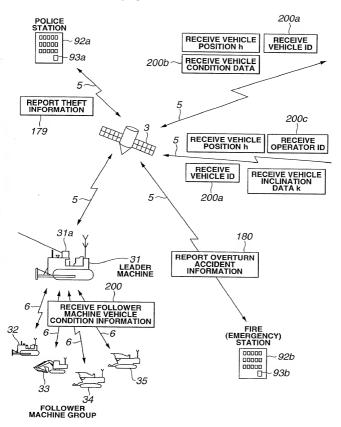
FIG.8











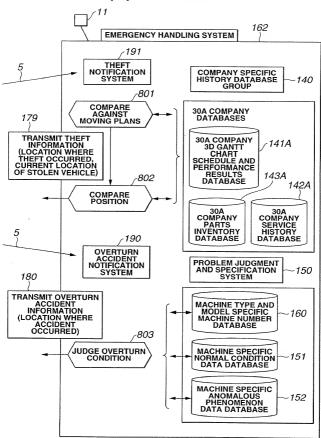
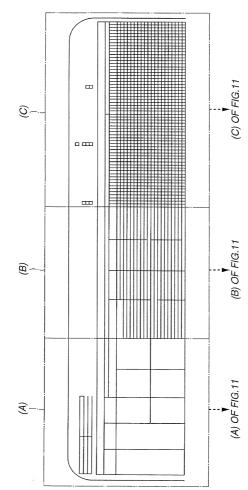


FIG.10



				/301
TRUNK R. CONSTRU	DAD CONSTRUCT	ION WORK BETWE	TRUNK ROAD CONSTRUCTION WORK BETWEEN CITY A AND CITY B CONSTRUCTION ZONE X (CITY A, REGION YY) 3D GANTI CHART	Y B
CLIENT CONSTRUCTION PERIOD		CLIENT NATIONAL GOVERNMENT PERIOD FROM XX YEAR X MONTH XX DAY	XX DAY	
	TO XX Y	TO XX YEAR X MONTH XX DAY	DAY	320
CONSTRUCTION	CONSTRUCTION ZONE NO.X X MONTH, X+1 MONTH CONSTRUCTION WORK CONTENT	NTH, X+1 MONTH		
TO TO TO TO TO) dom		3D TOPO	3D TOPOGRAPHY
PHASE	CONTENT	DIVISION	BEFORE STARTING WORK	AT COMPLETION OF WORK
	FOUNDATION CONSTRUCTION WORK (X-I MONTH CONTINUOUS CONSTRUCTION WORK)	SCHEDULE		
CONSTRUCTION			(DIAGRAM OF WHAT IS EXPECTED)	(DIAGRAM OF WHAT IS EXPECTED)
1990		PERFORMANCE RESULTS		
			(РНОТО)	(РНОТО)

			_		_	_		_							_	-	_	_	
/301	320		WORK	AUGUST R	AUGUST S	AUGUST P	AUGUST S	AUGUST S	AUGUST S	REGIONAL WEATHER FORECAST		AUGUSTS	AUGUST P	AUGUST S	AUGUSTS	AUGUSTS			ACTUAL WEATHER/FORECAST WEATHER
			WORK	AUGUST B	AUGUST B	AUGUST B	AUGUSTI	AUGUST L	AUGUST L	REGIONAL WEAT		AUGUST B	AUGUST B	AUGUSTI	AUGUST L	AUGUST L			ACTUAL WEATHER/
		DETAILS	MACHINE	MODIEIED BLAN	LEADER MACHINE				::		CTION PERIOD	31	32	33	34	35			
		CONSTRUCTION WORK DETAILS	MACHINES DEPLOYED	FOR ENTIRE	D	٥	d .	m	8		FOR ENTIRE CONSTRUCTION PERIOD	0	Q	d	8	8			

(C) OF FIG.10

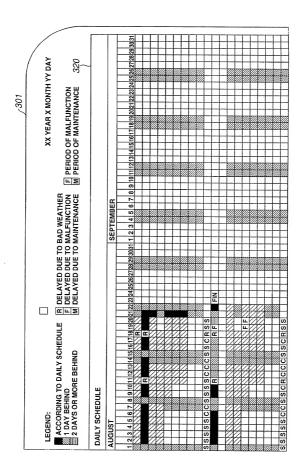
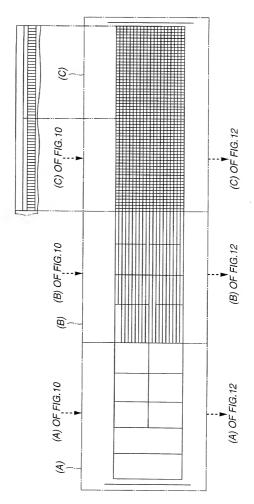


FIG.11



(A) OF FIG.11

	(DIAGRAM OF WHAT IS EXPECTED)		(РНОТО)
	(DIAGRAM OF WHAT IS EXPECTED)		(РНОТО)
GUTTER CONSTRUCTION WORK			
	CONSTRUCTION	PHASE 2	
	301~		

(B) OF FIG.11

320	AUGUST J	AUGUST J	AUGUST J	AUGUST J	AUGUST D	AUGUST J	FORECAST	AUGUST J	AUGUST J	AUGUST J	AUGUST J	AUGUST D	AUGUST J		ACTUAL WEATHER/FORECAST WEATHER
	AUG	AUG	AUG	AUG	AUG	AUG	WEATHER	AUG	AUG	AUG	AUG	AUG	AUG		HER/FORE
	AUGUST Q	AUGUST R		AUGUST R	AUGUST Y	AUGUST R	REGIONAL WEATHER FORECAST	AUGUST Q	AUGUST R	AUGUST R	AUGUST R	AUGUST Y	AUGUST R		ACTUAL WEAT
		FADER MACHINE						CTION PERIOD	36	33	37	38	39		
	FOR ENTIRE	CONSTRUCTION PERIOD	d	۵	PU	7		FOR ENTIRE CONSTRUCTION PERIOD		.	a	PU	_		

(C) OF FIG.11

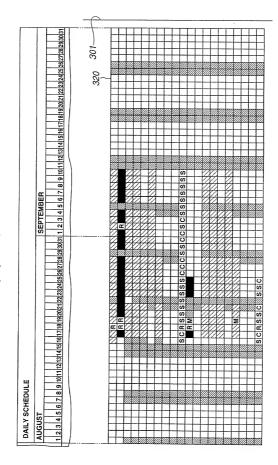
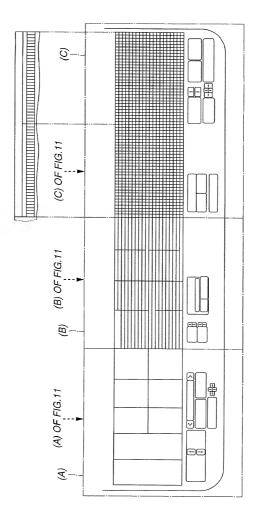
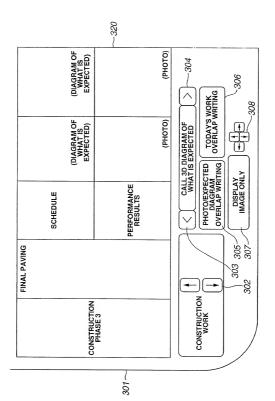


FIG.12



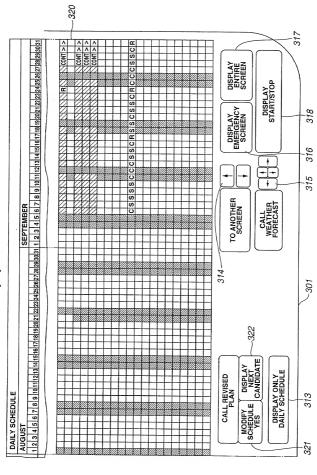
(A) OF FIG.12

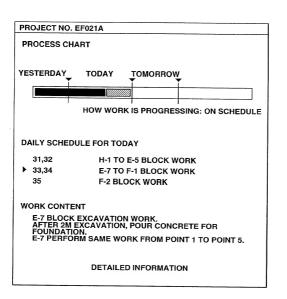


(B) OF FIG.12

320	AUGUSTZ	AUGUST Z	AUGUSTZ		IER FORECAST						DRECAST WEATHER					
AUGUST F	AUGUST F		AUGUST F		REGIONAL WEATHER FORECAST						ACTUAL WEATHER/FORECAST WEATHER					
INITIAL PLAN	ш					CTION PERIOD	33	40	41			ENTER PERFORMANCE RESULTS	ACCORDING TO PLAN	1 DAY 2 OR MORE BEHIND DAYS BEHIND	311	
FOR ENTIRE	P	g.				FOR ENTIRE CONSTRUCTION PERIOD	Ь	9				CHANGE +		MACHINE NUMBER	310	

(C) OF FIG.12





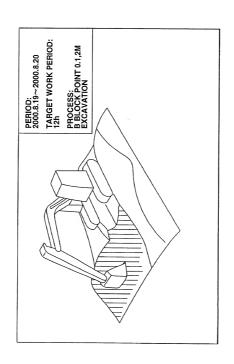
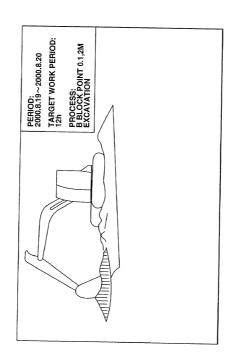


FIG.15



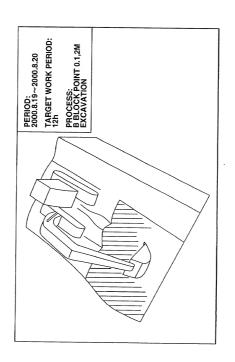


FIG.17(A)

f	а	b	С	d	е	g	h	k
f ₁	a ₁	b ₁	C ₁	d ₁	e ₁	91		
f ₂	a ₂	b ₂	C ₂	d ₂	e ₂	g ₂		
f ₃	a ₃	b ₃	C ₃	d ₃	е3	g ₃		

FIG.17(B)

f	а	b	С	d	е	g	h	k
f ₄	a ₄	b ₄			e ₄	g 4		
f ₅	a ₅	b ₅			e ₅	g 5		
f ₆	a ₆	b ₆			e 6	g ₆		

f	а	b	С	d	е	g	h	k
f ₇	a ₇				e ₇			
f ₈				d ₈		g ₈		